## C.U.SHAH UNIVERSITY Summer Examination-2017

Subject Name : Programming with Java –II										
Subjec	t Code	e : 4CS04BJV2 Branch: E	Branch: B.C.A.							
Semest	ter : 4	Date : 12/04/2017 Time : 10	:30 To 01:	30 Marks : 70						
<ul> <li>Instructions:</li> <li>(1) Use of Programmable calculator &amp; any other electronic instrument is prohibited.</li> <li>(2) Instructions written on main answer book are strictly to be obeyed.</li> <li>(3) Draw neat diagrams and figures (if necessary) at right places.</li> <li>(4) Assume suitable data if needed.</li> </ul>										
Q1	Attem	pt following MCQs.		14						
	1)	Skeleton is a side remote obja)Clientc)Both a and b	ject. b) d)	Server None						
	2)	<ul><li>Which is not Layout Manager in java?</li><li>a) GridBag</li><li>c) Back</li></ul>	b) d)	Border Card						
	3)	<ul> <li>EJB means</li> <li>a) Entity Java Bean</li> <li>c) Entity Java Box</li> </ul>	b) d)	Enterprise Java Box Enterprise Java Bean						
	4)	DatabaseMetaData available in a) java.io c) java.db	– b) d)	java.mysql java.sql						
	5)	<ul><li>Which is J2EE API?</li><li>a) Servlet</li><li>c) JNDI</li></ul>	b) d)	JSP All of the above						
	6)	<ul><li>Which is Action Element in java?</li><li>a) jsp:param</li><li>c) jsp:forward</li></ul>	b) d)	jsp:include All of the above						
	7)	<ul><li>Which is scripting elements in JSP?</li><li>a) declaration</li><li>c) expression</li></ul>	b) d)	scriptlet All of these						

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	8)		n is not session tacking approach? Hidden form field	<b>b</b> )	LIDI Douriting			
		a)	Cookies	b) d)	URL Rewriting Exception			
		()	COOKIES	u)	Exception			
	9)	Whicl	n is web container/server?					
	,	a)	GlassFish	b)	Apache Tomcat			
		c)	Both A and B	d)	None			
	10)	Which is server side programming language?						
		a)	Servlet	b)	PHP			
		c)	JSP	d)	All of the above			
	11)	North	, South, East, West available in					
	/	a)	BorderLayout	b)	FlowLayout			
		c)	CardLayout	d)	GridLayout			
		,	,	,	5			
	12)	Datab	ase Connection is created using		_ class in java.			
		a)	DriverMaster	b)	DBConnect			
		c)	ConnectDB	d)	DriverManager			
	10)	а ·	/ <b>1</b> •					
	13)		on created using	<b>b</b> )	Litte CompletDeenenen			
			HttpSession HTMLSession	b) d)	HttpServletResponse None	•		
		0)	HIMLSession	d)	INOILE			
	14)	execu	te() is a method of class.					
	,	a)	HttpRequest	b)	Statement interface			
		c)	HttpResponse	d)	None			
Attem	<u>ipt any</u>	FOUR	Questions from following.					
<b>Q2</b>	Attem	npt folle	wing			14		
Q2	111111	ipt ion	, , , , , , , , , , , , , , , , , , ,			17		
	a) Ex	kplain B	orderLayout manager with example.			5		
			wing? Explain JTextField and JChec	kBox cl	ass.	5		
	c) Explain difference between Swing Vs. AWT.							
Q3	Attem	npt foll	owing.			14		
	a) Explain 2-tier and N-tier Architecture.							
		-				5 5		
	<ul><li>b) Explain Tomcat as web container.</li><li>c) Explain RMI Architecture in detail.</li></ul>							
			avit Areinteeture in uetail.			4		
Q4	Attem	npt folle	owing.			14		
•		-	DBC? Explain Type-1 and Type-2 D	rivers.		5		
	b) Explain PreparedStatement with example.							
	<ul><li>b) Explain PreparedStatement with example.</li><li>c) What is ResultSet? Explain any three methods of it.</li></ul>							

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Q5	Attempt following.				
	<ul><li>a) What is servlet? Explain servlet life cycle.</li><li>b) Explain HttpServletRequest class with any four methods.</li><li>c) Explain Hidden Form Field with example.</li></ul>	5 5 4			
Q6	Attempt following.				
	<ul> <li>a) What is JSP? Explain life cycle of JSP.</li> <li>b) Write a HTML/JSP Program to insert record in Emp(eno, ename, salary, city) table.</li> <li>c) What is action element? Explain <jsp:forward> elements of JSP.</jsp:forward></li> </ul>	5 5 4			
Q7	Attempt following.				
	<ul> <li>a) Explain J2EE API.</li> <li>b) What is Statement interface? Explain its any three methods.</li> <li>c) Write a JDBC Program to insert a record in STUD (rollno, sname, addr, city) table.</li> </ul>	5 5 4			
Q8	Attempt following.	14			
	<ul><li>a) Write a HTML/servlet program to input employee no and delete record from Emp (eno, ename, salary, city) Table.</li><li>b) Write a JSP Program to display all records of Student (rollno, sname, addr, cit in Tabular format.</li></ul>	7 ty) 7			



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